



CO₂

INCUBATOR

Air Jacketed





Air Jacketed CO₂ Incubator LACI-400 Series

Labocon Air Jacketed CO₂ Incubator LACI-400 Series employs natural air convection method and gentle breeze circulation to ensure temperature uniformity in the chamber. It sterilizes the internal part with 90°C high temperature and high humidity. Automatic start function is provided.

FEATURES

- High Quality electrolyte polishing stainless surface
- Smooth fillet inner wall to reduce unnecessary internal surface area and effective cleaning of inner wall.
- 90°C high temperature moist heat sterilization can effectively remove bacteria, mildew, etc. Sterilization will not require removal of sensor and fan, which may eliminate the uncertainty during sterilization.
- Smooth transparent glass for observation of real objects.
- Four corners apply arc design reliable door closer design is favourable.
- The special HEPA high effective filter, with the filtering efficiency of 99.998% for granule with diameter larger than 0.3 μ m effectively filter bacteria and dust.
- Advanced fuzzy logistic PID control and menu operating interface.
- High precise gas sensor is applied, automatic start function is provided
- Special interface for PC test program is written, monitored and saved with special PC software; test data is directly displayed and printed.
- Applies circular airflow design concept and forced convection simulated air circulation principle to guarantee high even and stable CO₂ density of inner bag.

APPLICATION

Labocon Air Jacket CO₂ Incubator LACI-400 Series are widely used for research in life science, immunology, genetics, clinical medicine, agriculture science, pharmaceuticals, pharmaceutical industry, food industry, toxicology, basic biology and clinical medicine.



✓ **TECHNICAL SPECIFICATION:**

Model No.	LACI-401	LACI-402	LACI-403	LACI-404
Capacity	161 L		195 L	
Temperature Sensor	PT1000			
Ambient Temperature	20°C			
Temp. Range	RT +5 to 55°C			
Temp. Accuracy	0.1°C			
Temp. Control Alarm	≥ ±0.1°C (adjustable)			
Ambient Humidity	50% RH			
HEPA Filter	Yes			
CO2 Sensor	TCD	IR	TCD	IR
Sterilization	90°C high temperature and humidity	Ultraviolet	90°C high temperature and humidity	Ultraviolet
Inner Dimension (WxDxH)	480x480x700 mm		500x500x780 mm	
Overall Dimension (WxDxH)	677x740x1056 mm		697x760x1236 mm	
Power Supply	220V 50/60 Hz			
Catalog No.	9341112472	9341113472	9341114472	9341115472



Labocon Scientific Limited
 18A Melton Road
 Leicester LE4 5EA UNITED KINGDOM